**IN THE CLAIMS:**

Please cancel claims 2, 3, and 10.

Please amend claims 1, 7, 8, and 11 as follows:

1. (CURRENTLY AMENDED) A portable advisory system for balancing airflows in a paint booth comprising:

a portable airflow sensor to measure airflows in the paint booth; and

a portable computer connected to said airflow sensor for collecting data from said airflow sensor and guiding an operator through a process of adjusting multiple fan speeds and duct dampers to achieve desired airflows, said computer having a first database of optimal control settings for storing information of last optimal commands and last optimal sensitivity model, a second database for storing information of air velocities and VFD/damper commands, and a sensitivity model for the paint booth.

2. (CANCELED)

3. (CANCELED)

4. (ORIGINAL) A portable advisory system as set forth in claim 1 wherein said computer is a laptop computer.

5. (ORIGINAL) A portable advisory system as set forth in claim 1 wherein said computer is a palmtop computer.

6. (ORIGINAL) A portable advisory system as set forth in claim 1 wherein said computer includes a flexible set-up dialog.

7. (CURRENTLY AMENDED) A portable advisory system as set forth in claim 1 wherein said computer includes an algorithm communicating with ~~a plurality of databases~~ said first database, said second database, and a flexible set-up dialog.

8. (CURRENTLY AMENDED) A method of balancing airflows in a paint booth, said method comprising the steps of:

providing a portable airflow sensor to measure airflows in the paint booth;

providing a portable computer and connecting the portable computer to the air flow sensor, said computer having a first database of optimal control settings for storing information of last optimal commands and last optimal sensitivity model and a second database for storing information of air velocities and VFD/damper commands;

measuring the velocity of the airflows in the paint booth with the airflow sensor and storing the measured airflows in ~~a~~ the second database; ~~and~~

computing a mean squared error; and

updating a sensitivity model (J) of the paint booth with the measured velocity of the airflows based on the mean squared error to balance the airflows in the paint booth.

9. (ORIGINAL) A method as set forth in claim 8 including the step of updating on-line the VFD and damper settings.

10. (CANCELED)

11. (CURRENTLY AMENDED) A method as set forth in claim 8 including the step of updating new inputs and current sensitivity model in ~~a~~ the first database.

12. (ORIGINAL) A method as set forth in claim 8 including the step of calculating a rate of learning.